Ross Gilman

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EDUCATION

Columbia University, New York, NY - *Full Stack Web Development Boot Camp Certificate*

September 2023 - Current

- 24-week intensive program focused on gaining technical programming skills

University of Wisconsin-Madison, Madison, WI - *Bachelor of Science: Computer Science*

Graduation: May 2023

TECHNICAL SKILLS

HTML | CSS | Java | Python | MongoDB | MySQL | Bootstrap | VSCode | Maven | Jira | Apache Kafka
JavaScript | Node.js | Express.js | Handlebars.js | JQuery | ReactJS

WORK EXPERIENCE

Relay Network, Philadelphia, PA - *Software Engineer Intern* | **May 2022 - July 2022**

- Successfully introduced Java into Relay Network's distributed system, implementing scalable coding practices for future growth by creating Request For Comment Forms.
- Proficiently managed agile software development with bi-weekly sprints, ticket grooming, and sprint retrospective reviews.
- Skillfully integrated Apache Kafka KStream for efficient JSON serialization and deserialization of Relay feed events, particularly for customer billing needs.

Artificial Intelligence Club, Madison, WI - *Study Group Leader* | **August 2021 - May 2023**

- Conducted weekly sessions on Java data structures such as arrays, 2D arrays, 3D arrays, arraylists, and linked lists to under-graduate students
- Facilitated student learning through hands-on tutoring

Software Engineering Club, Madison, WI - *Team Member* | **August 2021 - May 2023**

- Collaborated on innovative projects to reach the club's shared goals
- Participated in various software engineering workshops to enhance my skills

PROJECTS

Pet Playground - *Rest API Developer* | *https://github.com/rossgilman402/Pet-Playground*

- Coordinated the development of a pet-centric RESTful API using Node.js, Express, and Sequelize, enabling pet owners to manage pet profiles, share photos, and engage in a vibrant community.
- Managed user sessions, protected sensitive data, and facilitated image uploads with Handlebars.js, Multer, and enhanced the user experience with Bulma CSS

Tech Blog | *https://github.com/rossgilman402/Tech-Blog*

- Developed a Tech Blog with a RESTful API using Express.js and Node.js for user interactions, post management, and commenting, following Modular View Controller principles
- Enabled users to publish articles and maintain posts, fostering a dynamic online community

Climate Closet - *Back-end JavaScript API Developer* | *https://github.com/sentuhxd/climate-closet*

- Created an app for personalized daily clothing recommendations
- Utilized Weather, Google Maps, and Air Quality APIs for tailored fashion suggestions